

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) A laminate film comprising a polyetheramine resin-containing layer on a first polyolefin resin-containing layer having a functional group, wherein the laminate film ~~further comprises a metal-containing layer on the polyetheramine resin-containing layer~~ has substantially zero percent peel-off.
2. (Original) The laminate film of claim 1, wherein the polyetheramine resin-containing layer is directly on the first polyolefin resin-containing layer.
3. (Original) The laminate film of claim 1, wherein there is no tie layer between the polyetheramine resin-containing layer and the first polyolefin resin-containing layer.
4. (Original) The laminate film of claim 1, further comprising a second polyolefin resin-containing layer on the first polyolefin resin-containing layer.
5. (Original) The laminate film of claim 1, wherein the polyetheramine resin is a copolymer of bis-phenol A diglycidyl ether and resorcinol diglycidyl ether with ethanolamine.
6. (Original) The laminate film of claim 1, wherein the first polyolefin resin-containing layer comprises a propylene homopolymer.
7. (Original) The laminate film of claim 4, wherein the second polyolefin resin-containing layer comprises a heat sealable polyolefin selected from the group consisting of propylene copolymers, terpolymers, polyethylene and combinations thereof.
8. (Original) The laminate film of claim 7, wherein the heat sealable layer comprises an antiblock component selected from the group consisting of amorphous silicas, aluminosilicates, sodium calcium aluminum silicate, a crosslinked silicone polymer, and polymethylmethacrylate
9. (Original) The laminate film of claim 1, wherein the first polyolefin resin-containing layer is a discharge-treated polyolefin resin-containing layer.

10. (Previously presented) The laminate film of claim 4, wherein the second polyolefin resin-containing layer comprises a winding layer comprising a crystalline polypropylene and an inorganic antiblocking agent.

11. (Previously presented) The laminate film of claim 4, wherein the second polyolefin resin-containing layer comprises a winding layer comprising a matte layer of a block copolymer blend of polypropylene and one or more other polymers, the matte layer having a roughened surface.

12. (Original) The laminate film of claim 10, wherein the winding layer is a discharge treated winding layer having a surface for lamination or coating with adhesives or inks.

13. (Original) The laminate film of claim 10, wherein the winding layer comprises an antiblock component selected from the group consisting of amorphous silicas, aluminosilicates, sodium calcium aluminum silicate, a crosslinked silicone polymer, and polymethylmethacrylate.

14. (Original) The laminate film of claim 1, wherein the polyetheramine resin-containing layer is a discharge-treated polyetheramine resin-containing layer.

15. (Original) The laminate film of claim 14, wherein the discharge-treated polyetheramine resin-containing layer has a discharge-treated surface formed in an atmosphere of CO₂ and N₂.

16. (Original) The laminate film of claim 1, further comprising a vacuum deposited metal layer on the polyetheramine resin-containing layer.

17. (Original) The laminate film of claim 16, wherein the metal layer has a thickness of about 5 to 100 nm.

18. (Original) The laminate film of claim 16, wherein the metal layer has an optical density of about 1.5 to 5.0.

19. (Original) The laminate film of claim 16, wherein the metal layer comprises aluminum.

20. (Original) The laminate film of claim 1, wherein the laminate film is an extruded laminate film.

21. (Currently amended) A laminate film comprising a polyetheramine resin-containing layer on a first polyethylene terephthalate resin-containing layer having a functional group, wherein the laminate film ~~further comprises a metal-containing layer on the polyetheramine resin-containing layer~~ has substantially zero percent peel-off.

22. (Original) The laminate film of claim 21, wherein the polyetheramine resin-containing layer is directly on the first polyethylene terephthalate resin-containing layer.

23. (Original) The laminate film of claim 21, wherein there is no tie layer between the polyetheramine resin-containing layer and the first polyethylene terephthalate resin-containing layer.

24. (Original) The laminate film of claim 21, further comprising a second polyethylene terephthalate resin-containing layer or an amorphous copolyester layer on the first polyethylene terephthalate resin-containing layer.

25. (Original) The laminate film of claim 21, wherein the polyetheramine resin is a copolymer of bis-phenol A diglycidyl ether and resorcinol diglycidyl ether with ethanolamine.

26. (Original) The laminate film of claim 21, wherein the second polyethylene terephthalate resin-containing layer comprises an antiblock component selected from the group consisting of amorphous silicas, aluminosilicates, sodium calcium aluminum silicate, a crosslinked silicone polymer, and polymethylmethacrylate.

27. (Original) The laminate film of claim 21, wherein the first polyethylene terephthalate resin-containing layer is a discharge-treated polyethylene terephthalate resin-containing layer.

28. (Original) The laminate film of claim 26, wherein the second polyethylene terephthalate resin-containing layer is a discharge treated layer having a surface for lamination or coating with adhesives or inks.

29. (Original) The laminate film of claim 21, wherein the polyetheramine resin-containing layer is a discharge-treated polyetheramine resin-containing layer.

30. (Original) The laminate film of claim 29, wherein the discharge-treated polyetheramine resin-containing layer has a discharge-treated surface formed in an atmosphere of CO₂ and N₂.

31. (Original) The laminate film of claim 21, further comprising a vacuum deposited metal layer on the polyetheramine resin-containing layer.

32. (Original) The laminate film of claim 31, wherein the metal layer has a thickness of about 5 to 100 nm.

33. (Original) The laminate film of claim 31, wherein the metal layer has an optical density of about 1.5 to 5.0.

34. (Original) The laminate film of claim 31, wherein the metal layer comprises aluminum.

35. (Original) The laminate film of claim 21, wherein the laminate film is an extruded laminate film.

36. (Original) The laminate film of claim 24 wherein the second polyethylene terephthalate resin containing layer or the amorphous copolyester layer comprises an antiblock component selected from the group consisting of amorphous silicas, aluminosilicates, sodium calcium aluminum silicate, a crosslinked silicone polymer and polymethylmethacrylate.

37. (Currently amended) A method for flexible packaging comprising obtaining a laminate film comprising a polyetheramine resin-containing layer on a first polyolefin resin-containing layer having a functional group, wherein the laminate film ~~further comprises a metal-containing layer on the polyetheramine resin-containing layer~~ has substantially zero percent peel-off, and surrounding a product by the laminate film.

38. (Original) The method of claim 37, wherein the product is a food product.

39. (Currently amended) A method for flexible packaging comprising obtaining a laminate film comprising a polyetheramine resin-containing layer on a polyethylene terephthalate resin-containing layer having a functional group, wherein the laminate film ~~further comprises a metal-containing layer on the polyetheramine resin-containing layer~~ has substantially zero percent peel-off, and surrounding a product by the laminate film.

40. (Original) The method of claim 39, wherein the product is a food product.

41. (Currently amended) A laminate film comprising a polyetheramine resin-containing layer on a mixed resin layer comprising a polyethylene terephthalate resin and a polyolefin resin, the mixed resin having a functional group, wherein the laminate film ~~further comprises a metal-containing layer on the polyetheramine resin-containing layer~~ has substantially zero percent peel-off.

42. (Original) The laminate film of claim 41 further comprising a compatibilizer.

43. (Original) The laminate film of claim 41, further comprising an antiblock component.

44. (New) The laminate film of claim 1, further comprising a metal-containing layer on the polyetheramine resin-containing layer.